

Q53891
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2
6-15-99
2

In re application of:

Kaoru YAMAMOTO, et al.

Appln. No.: 09/285,772

Group Art Unit: 2713

Filed: April 05, 1999

Examiner: Not Yet Assigned

For: DATA RECORDING MEDIUM, AND DATA REPRODUCING APPARATUS

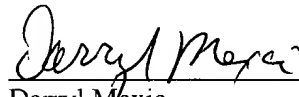
SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith please find **17 sheets of formal drawings, Figs. 1-19**. The Examiner is respectfully requested to acknowledge receipt of this formal drawing.

Respectfully submitted,



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Date: May 4, 1999

FIG. 1

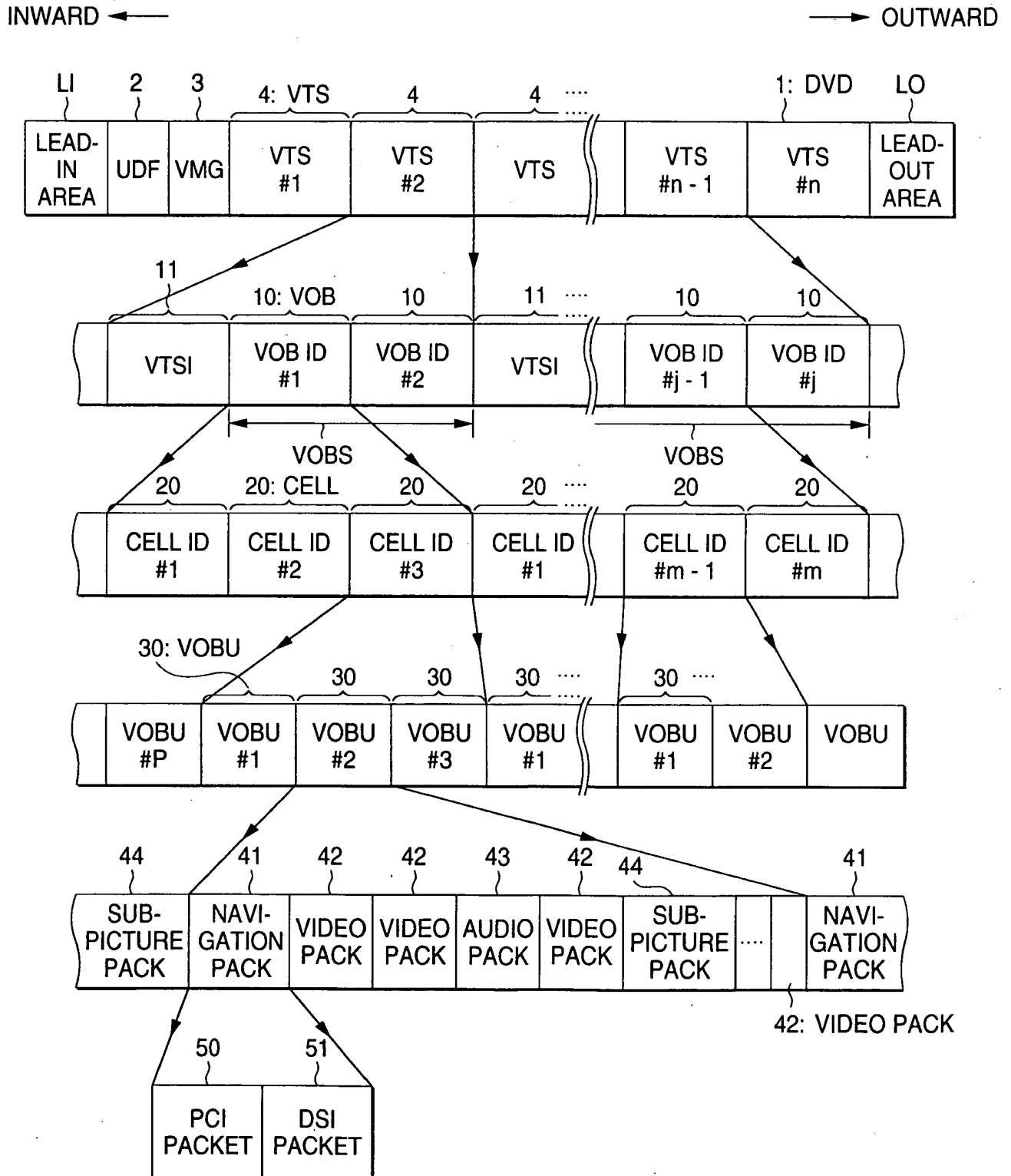
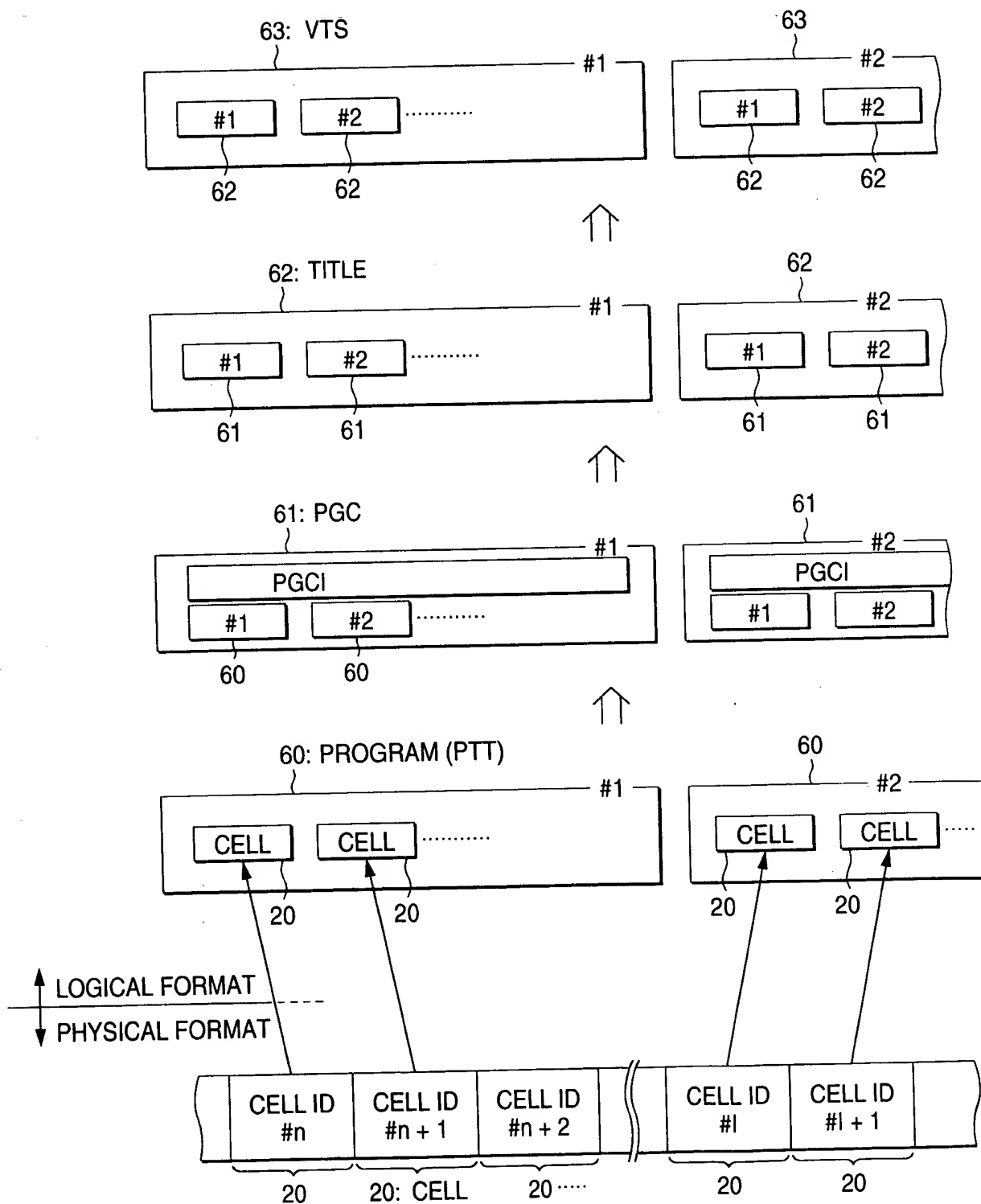


FIG. 2



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FIG. 3

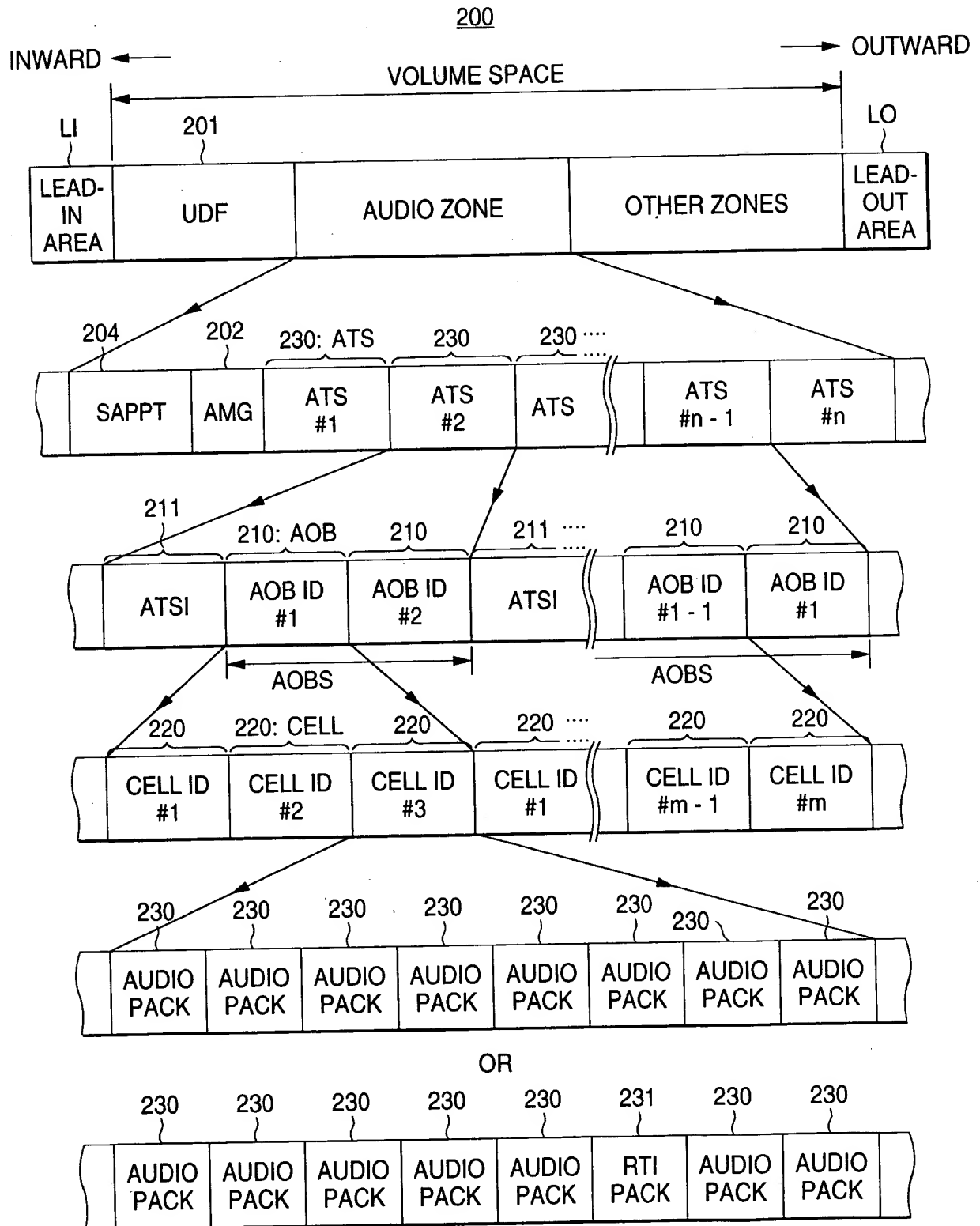
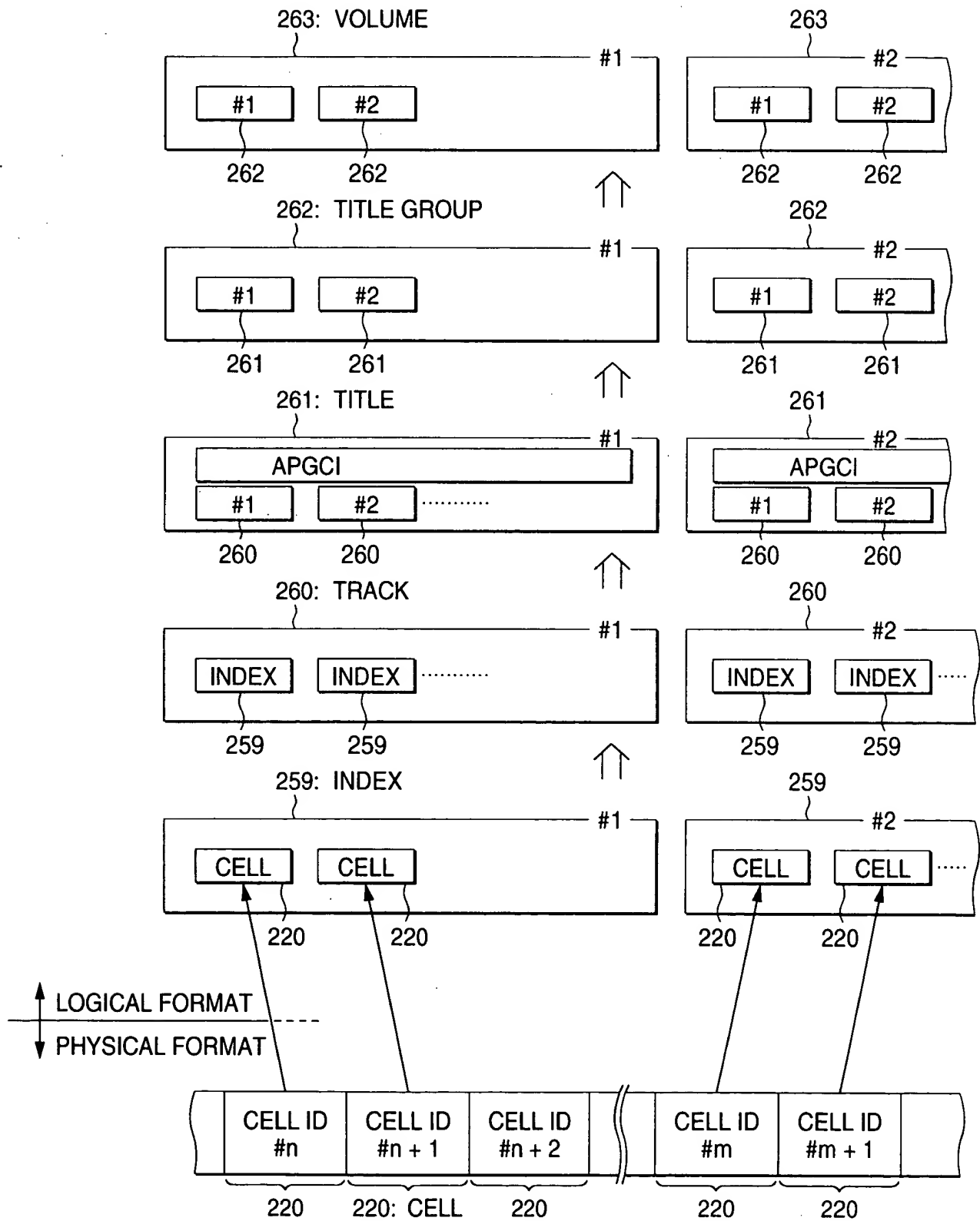
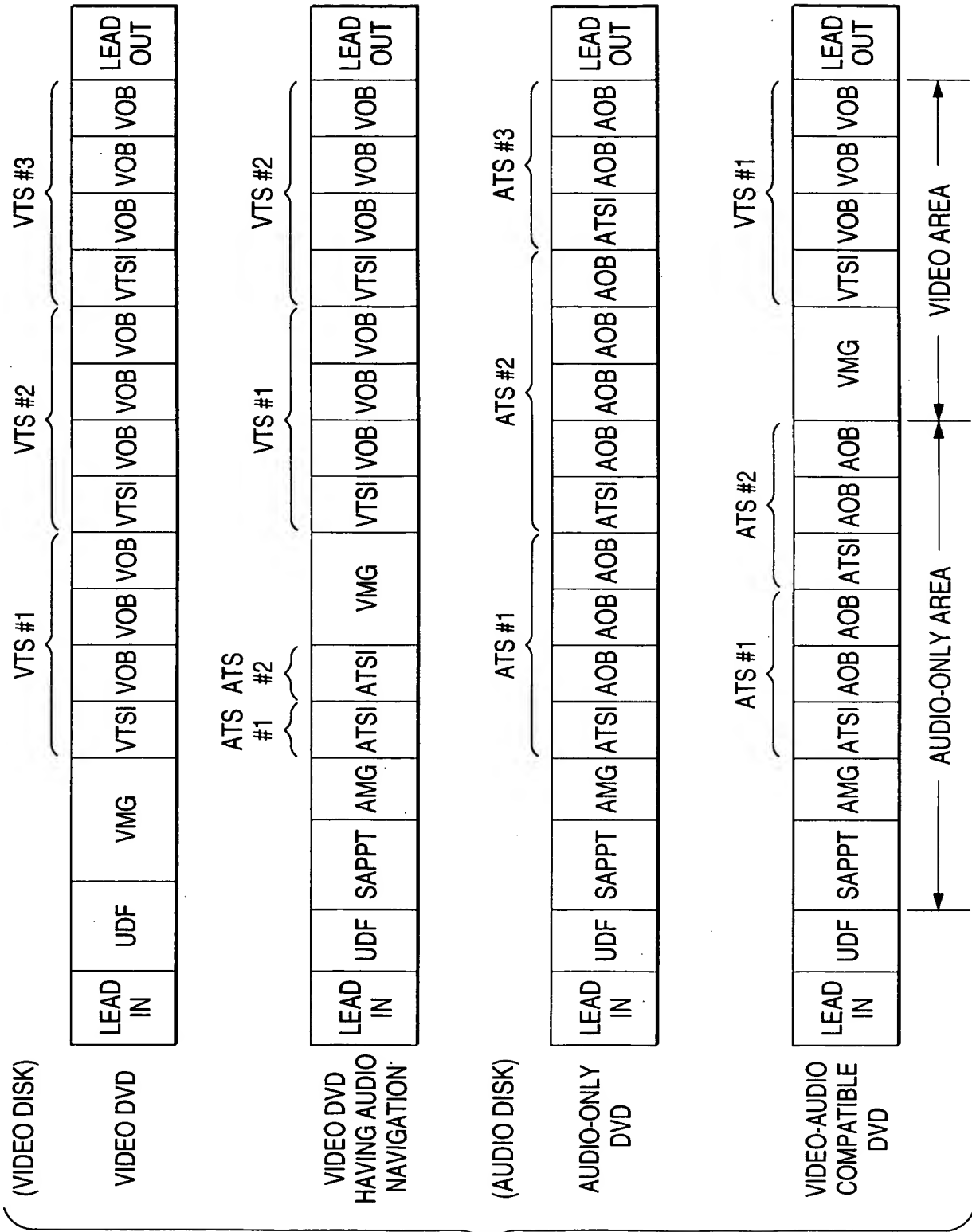


FIG. 4

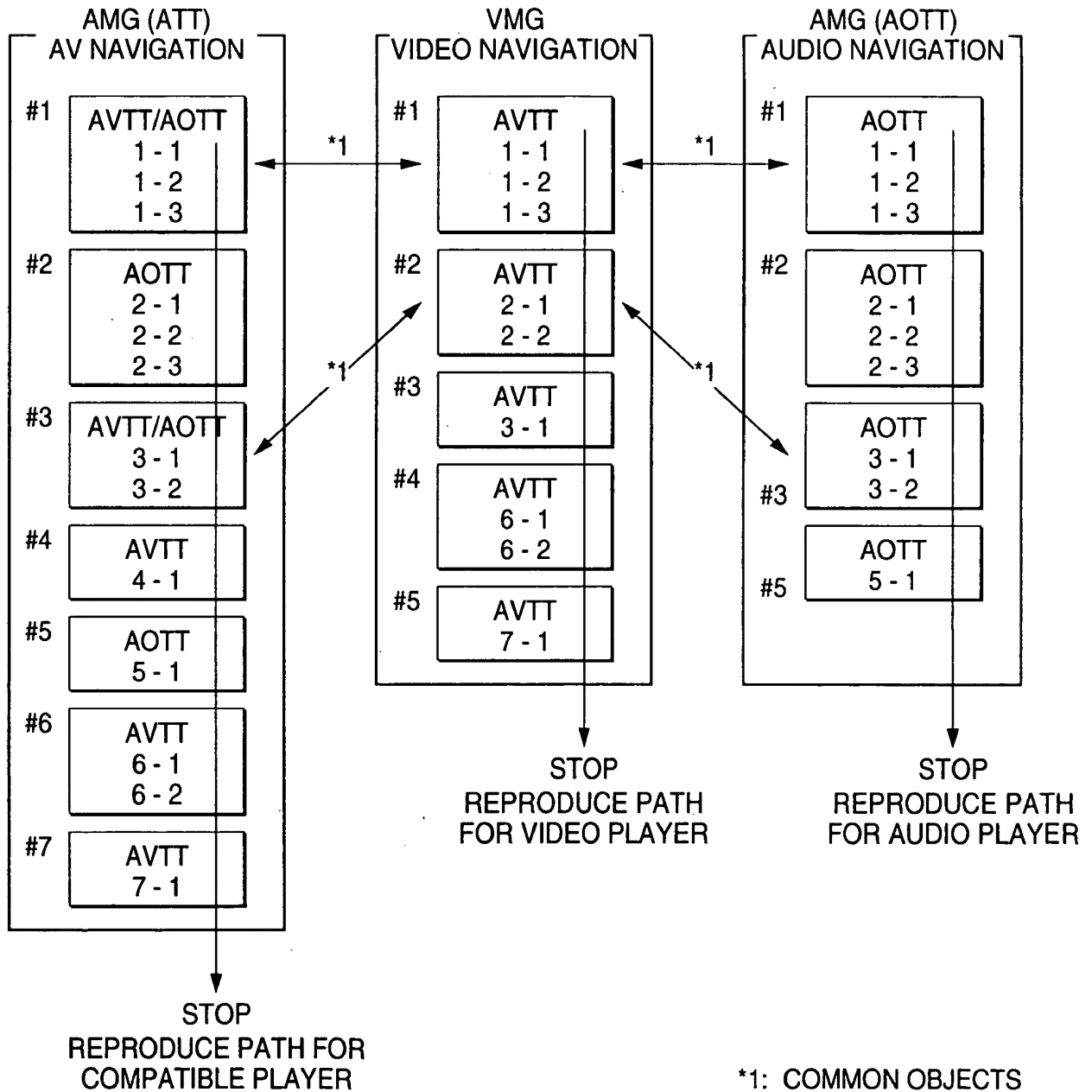


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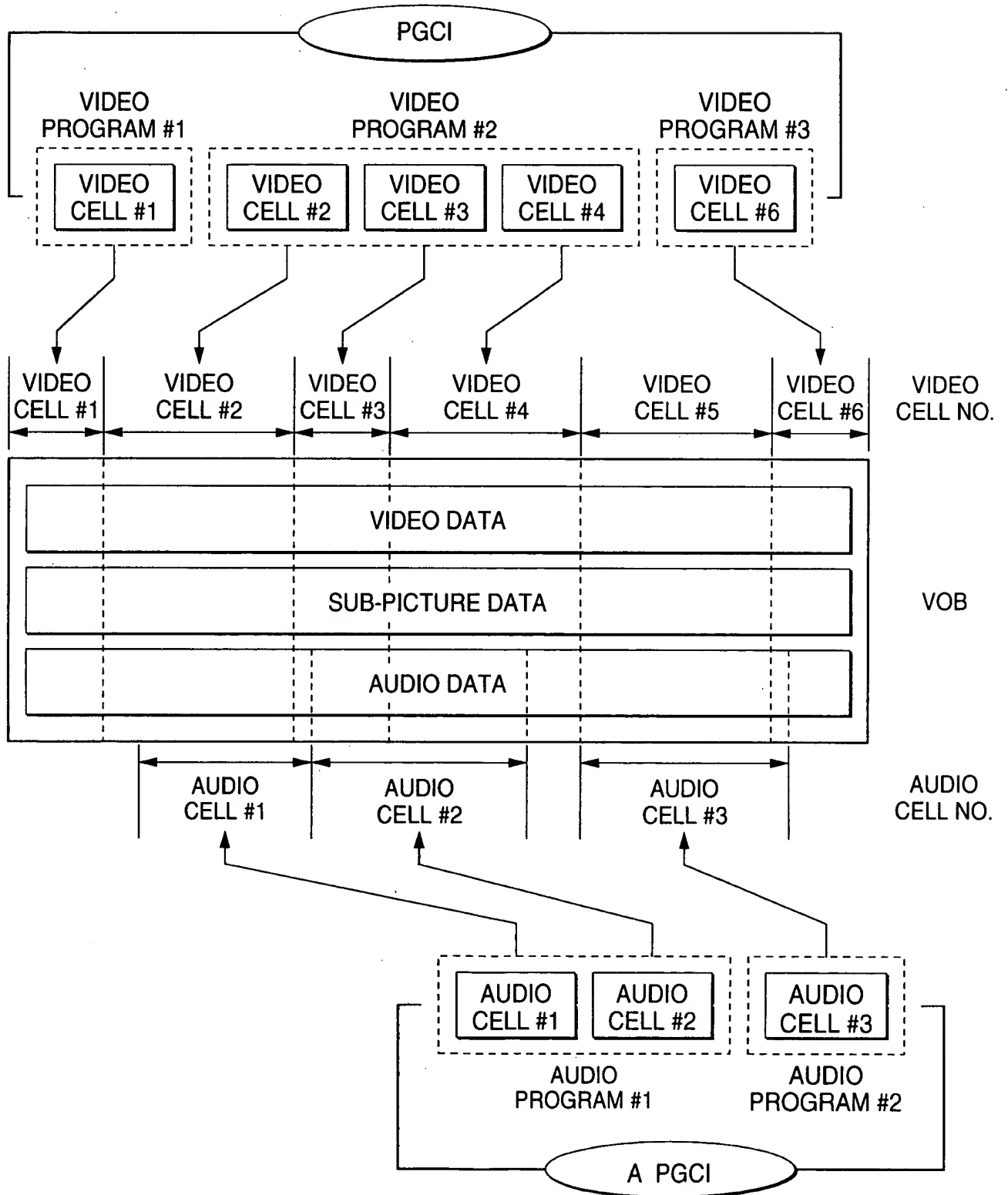
FIG. 6



APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
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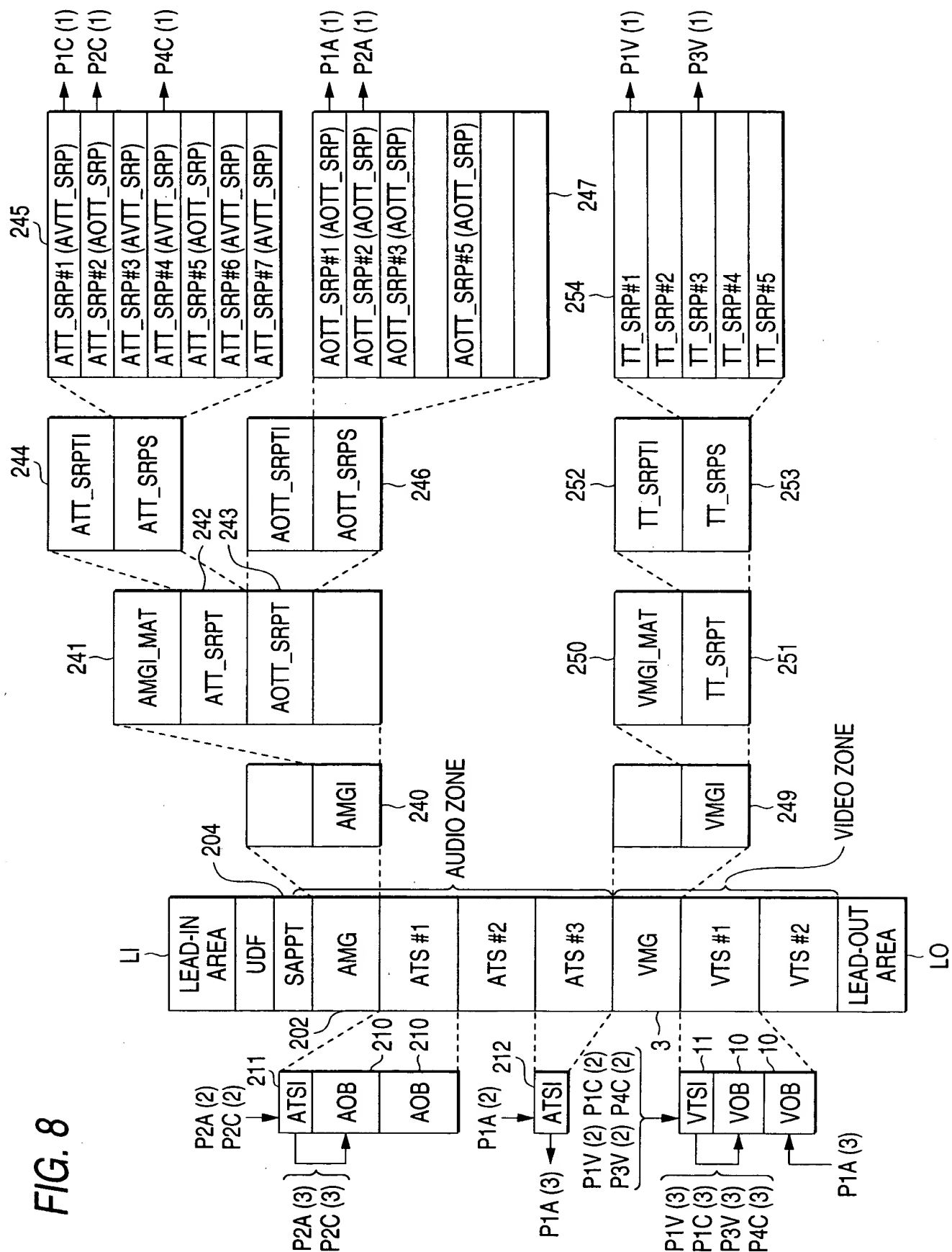
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FIG. 7



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FIG. 8



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FIG. 9

TITLE GROUP NO.	TRACK NO.	START AD- DRESS	END AD- DRESS	OBJECT TYPE	MULTI- CHANNEL TYPE	ATTRIBUTE INFORMATION						TIME INFORMATION	
						CHANNEL ASSIGNMENT	CHANNEL GROUP 1		CHANNEL GROUP 2		TRACK START TIME	TRACK RE- PRODUCE TIME	
							SAMPLING FREQUENCY	NUMBER OF QUANTIZED BITS	SAMPLING FREQUENCY	NUMBER OF QUANTIZED BITS			
1	1	36	38	VOB	TYPE 1	2ch L/R	48000	16	-	-	(min)	0	2
1	2	39	42	VOB	TYPE 1	2ch L/R	48000	16	-	-	(min)	2	3
1	3	43	45	VOB	TYPE 1	2ch L/R	48000	16	-	-	(min)	5	2
2	1	9	11	AOB	TYPE 1	2ch Lf/Rf + 2ch C/S	96000	24	48000	24		0	10
2	2	12	13	AOB	TYPE 1	2ch Lf/Rf + 2ch C/S	96000	24	48000	24		10	8
2	3	14	17	AOB	TYPE 1	2ch Lf/Rf + 4ch C/LFE/Ls/Rs	48000	24	48000	16		18	12
3	1	46	47	VOB	TYPE 1	4ch Lf/Rf/C/S	48000	16	-	-		0	5
3	2	48	50	VOB	TYPE 1	4ch Lf/Rf/C/S	48000	16	-	-		5	5
5	1	21	25	AOB	TYPE 1	2ch L/R	192000	16	-	-		0	20

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FIG. 12

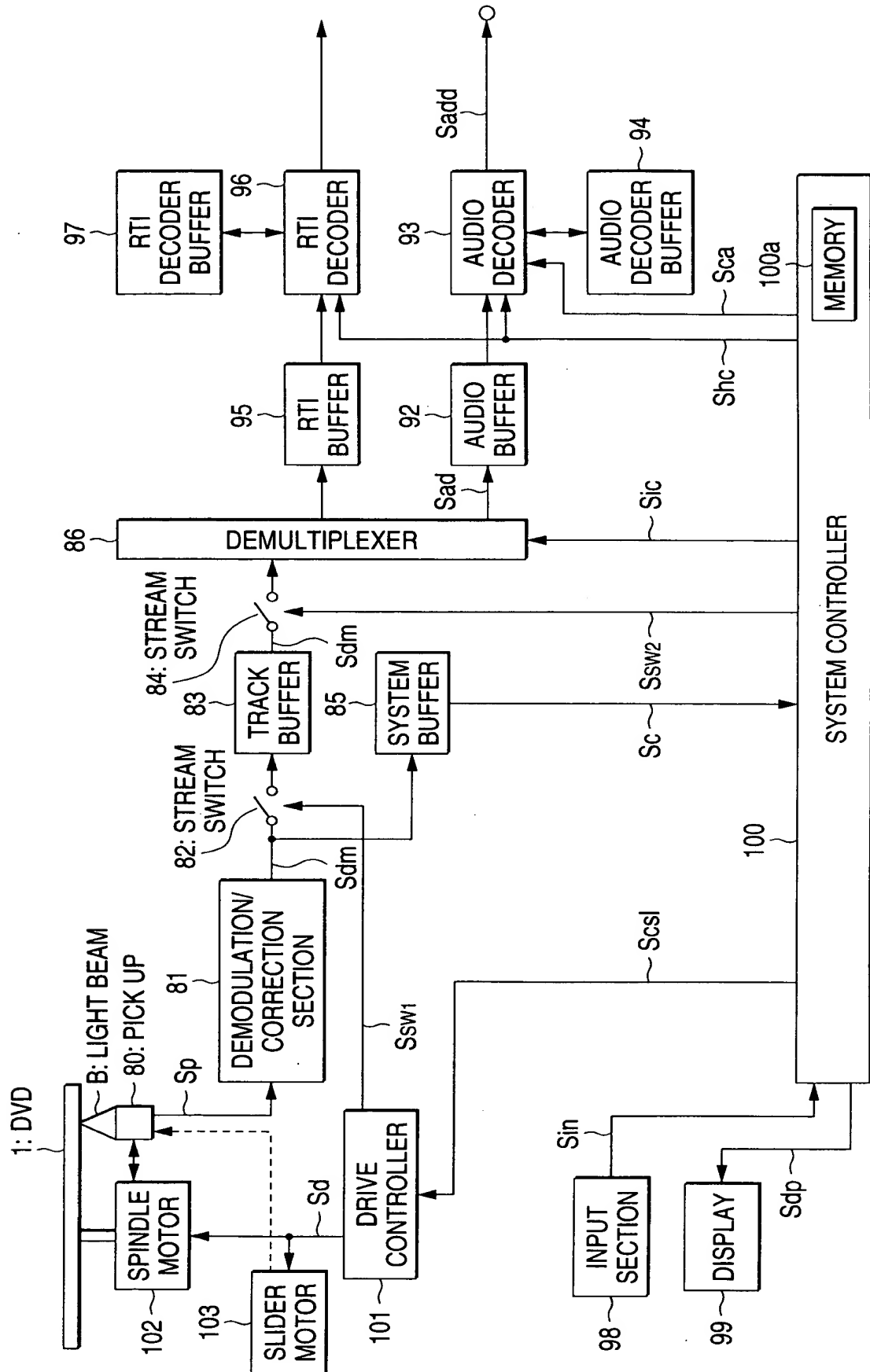


FIG. 13

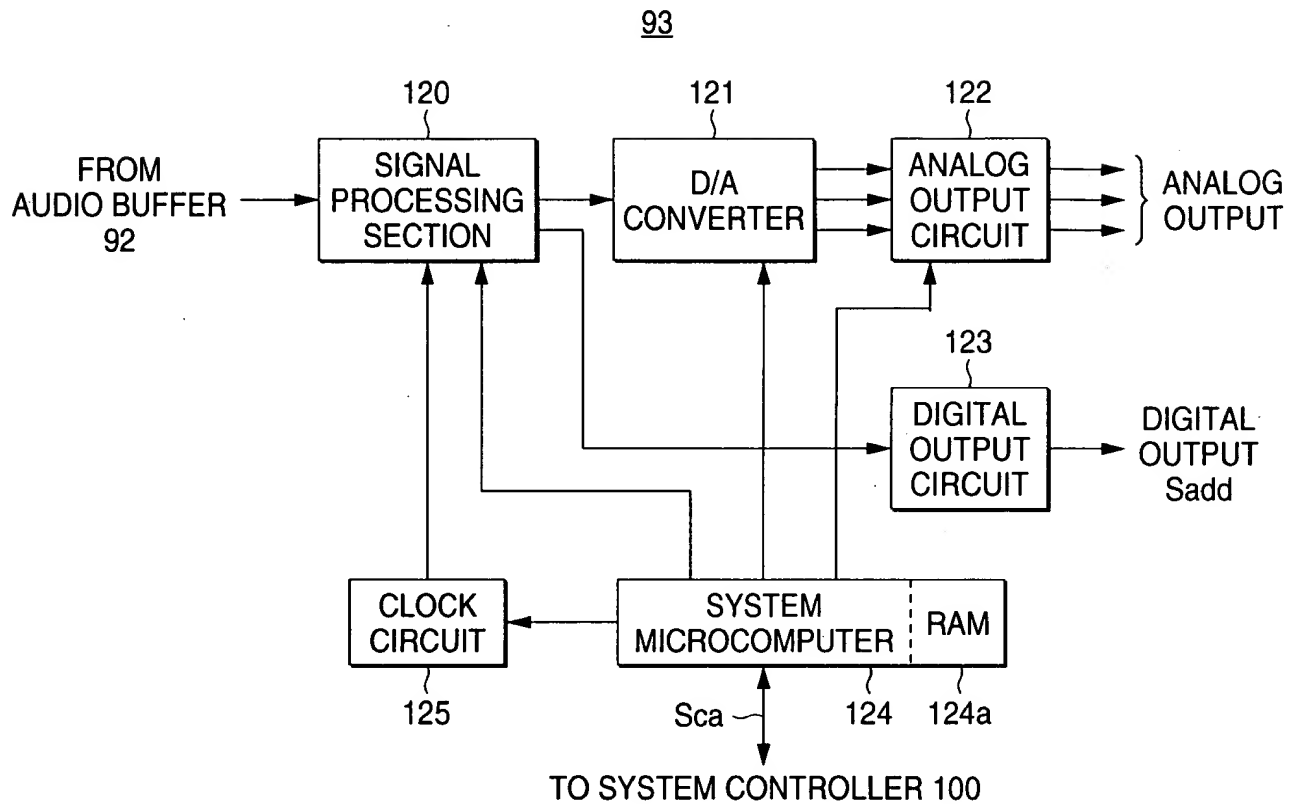
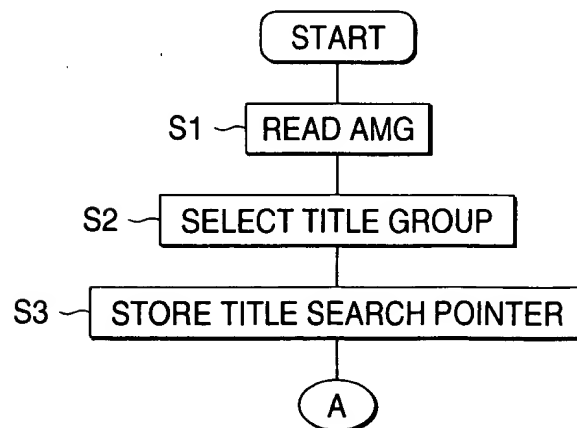


FIG. 14



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FIG. 15

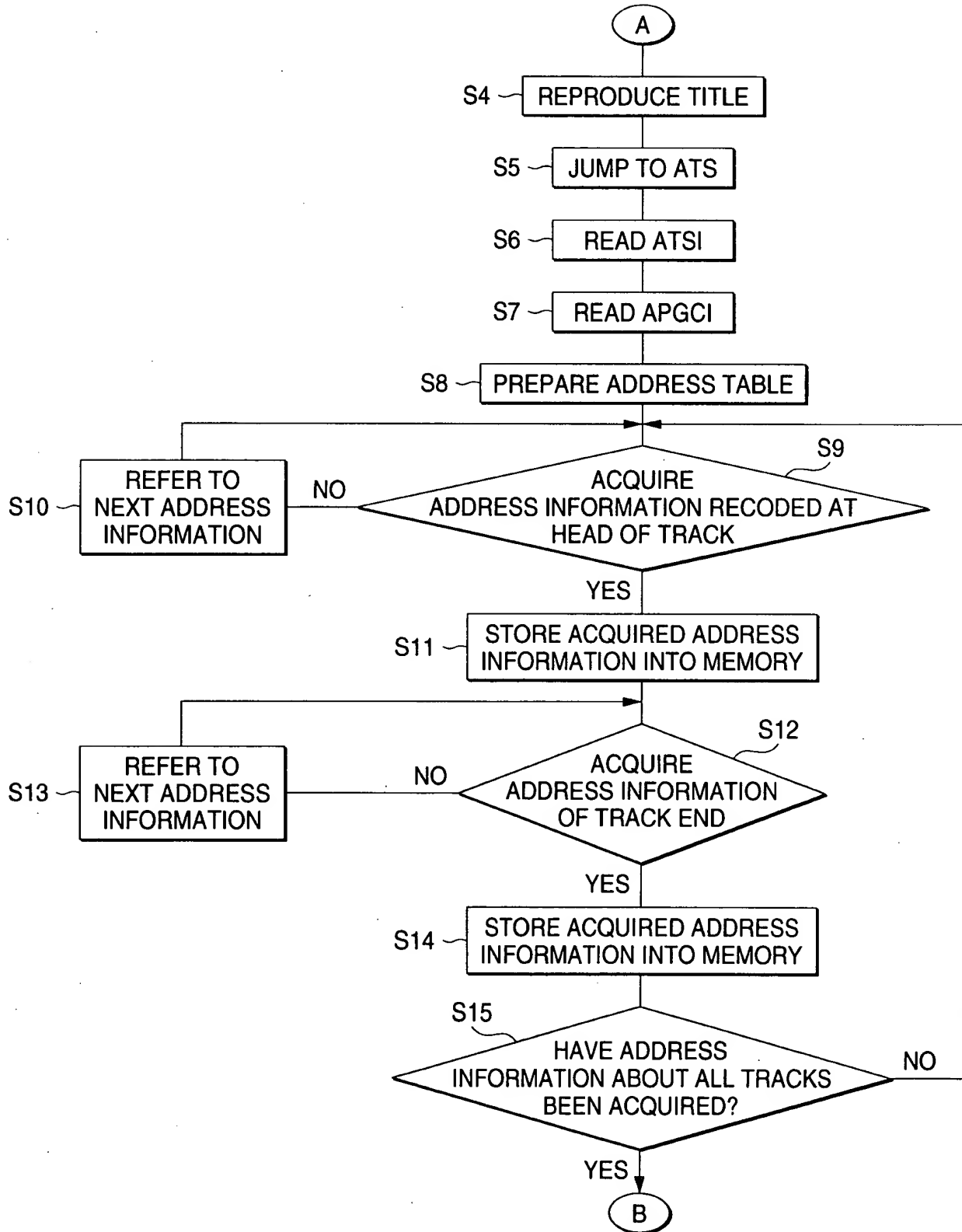
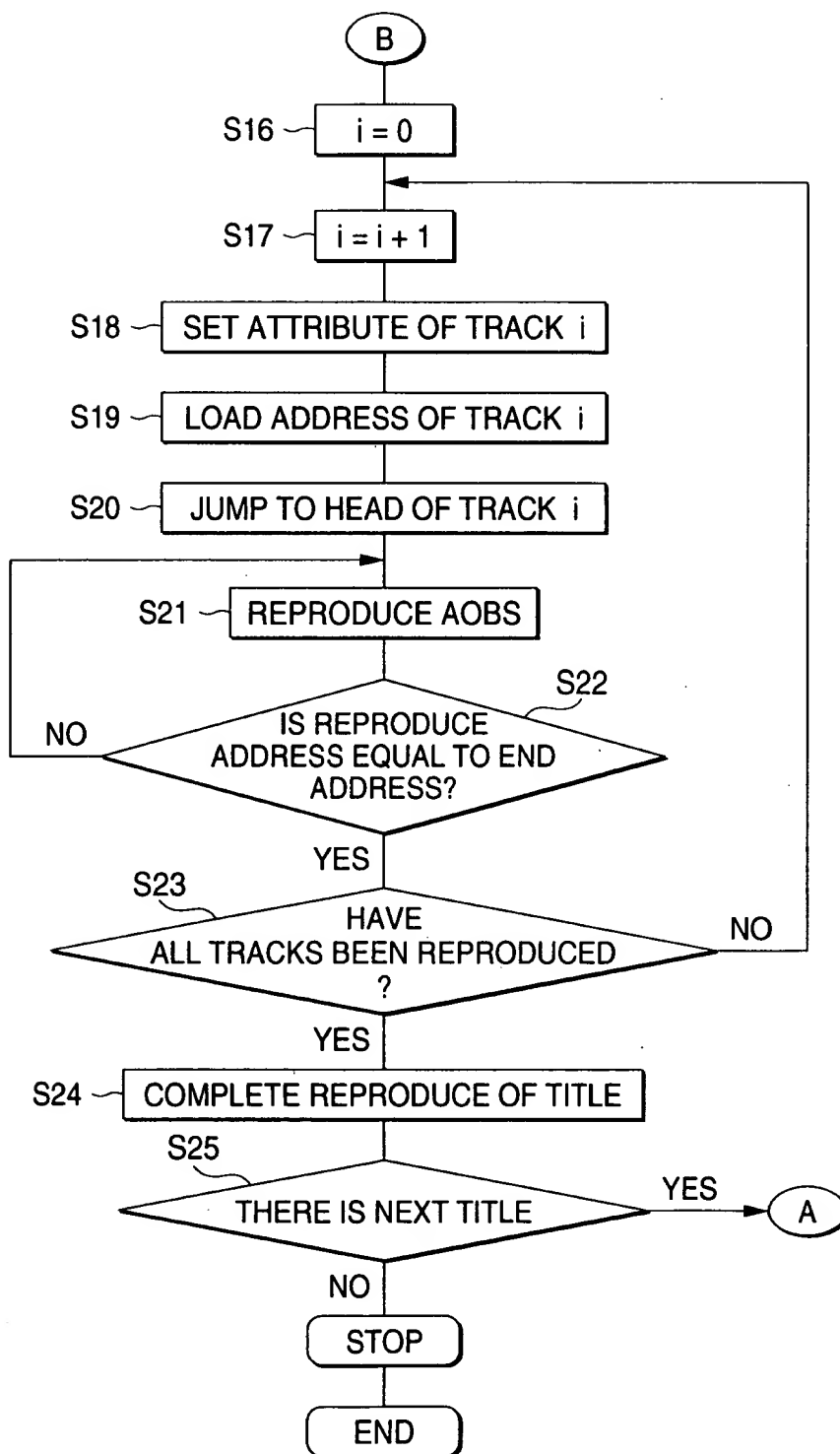


FIG. 16



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FIG. 17

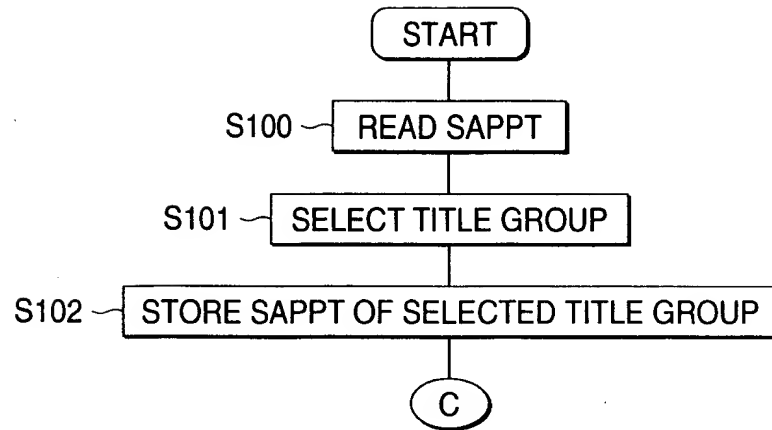
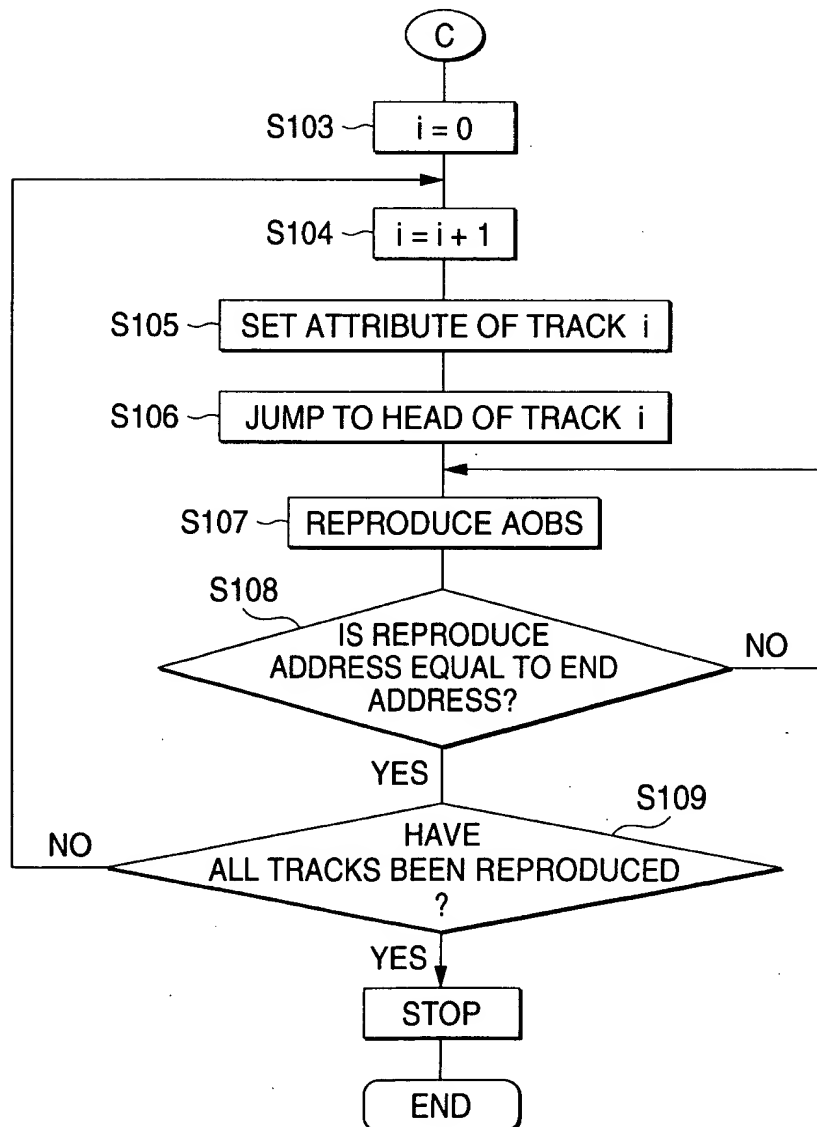


FIG. 18



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FIG. 19

